Datasheet for ABIN2775922

anti-ADPGK antibody (N-Term)

7 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	ADPGK
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Dog, Cow, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADPGK antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human ADPGK
Sequence:	SILHSRNDLE EAFIHFMGKG AAAERFFSDK ETFHDIAQVA SEFPGAQHYV
Predicted Reactivity:	Cow: 100%, Dog: 77%, Guinea Pig: 92%, Horse: 86%, Human: 100%, Mouse: 93%, Rabbit: 83%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against ADPGK. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ADPGK

Target Details

Alternative Name:	ADPGK (ADPGK Products)
Background:	ADPGK (EC 2.7.1.147) catalyzes the ADP-dependent phosphorylation of glucose to glucose-6-phosphate and may play a role in glycolysis, possibly during ischemic conditions. ADPGK (EC 2.7.1.147) catalyzes the ADP-dependent phosphorylation of glucose to glucose-6-phosphate and may play a role in glycolysis, possibly during ischemic conditions (Ronimus and Morgan, 2004 [PubMed 14975750]).[supplied by OMIM]. Alias Symbols: 2610017G09Rik, ADP-GK, DKFZP434B195 Protein Interaction Partner: SUMO1, UBC, NEDD8, ABCB8, UBQLN4, TADA3, GDF9, Protein Size: 496
Molecular Weight:	54 kDa
Gene ID:	83440
NCBI Accession:	NM_031284, NP_112574
UniProt:	Q9BRR6

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 496 AA
Restrictions:	For Research Use only

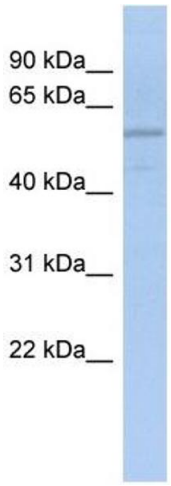
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

Handling

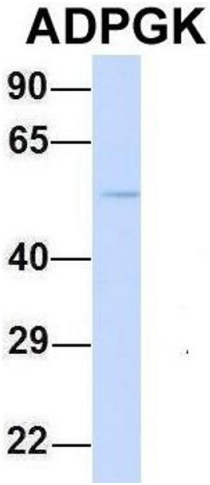
aliquots to prevent freeze-thaw cycles.

Images



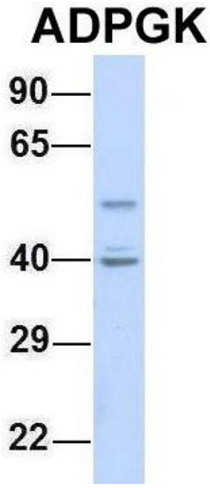
Western Blotting

Image 1. WB Suggested Anti-ADPGK Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: COLO205 cell lysate ADPGK is supported by BioGPS gene expression data to be expressed in COLO205



Western Blotting

Image 2. Host: Rabbit Target Name: ADPGK Sample Type: 293T Antibody Dilution: 1.0ug/ml ADPGK is supported by BioGPS gene expression data to be expressed in HEK293T



Western Blotting

Image 3. Host: Rabbit Target Name: ADPGK Sample Type: Human Fetal Lung Antibody Dilution: 1.0ug/ml

Please check the product details page for more images. Overall 7 images are available for ABIN2775922.